

Converting Colors

YUV(58.3760, 6.7166, 39.1352)

Have a look what the booklet for
YUV(58.3760, 6.7166, 39.1352)
contains.

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Color

**YUV(58.3760, 6.7166,
39.1352)**

Conversions

Conversions Part 1

Format	Color
Hex	672148
RGB	103, 33, 72
RGB Percent	40%, 13%, 28%
CMY	0.5961, 0.8706, 0.7176
CMYK	0.00, 0.68, 0.30, 0.60
HSL	327°, 51%, 27%
HSV	327°, 68%, 40%
XYZ	7.3071, 4.4392, 6.6026
YIQ	58.3760, 29.2010, 26.9690

Conversions

Conversions Part 2

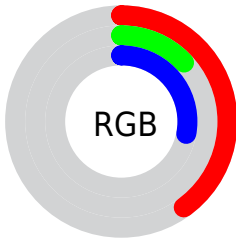
Format	Color
R_{YB}	103, 33, 72
Decimal	6758728
CIE Lab	25.07, 35.56, -7.76
CIE LCh	25, 36.401, 347.693
Yxy	4.4392, 0.3982, 0.2419
Android (android.graphics.Color)	4284948808 (0xFF672148)
YUV	58.3760, 6.7166, 39.1352
Hunter-Lab	21.0693, 25.0345, -3.8315

Details

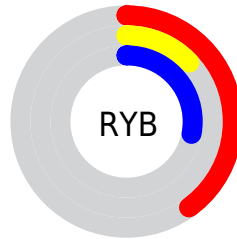
The YUV color **58.3760, 6.7166, 39.1352** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **77.6240, -6.7166, -39.1352**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.7570, 5.5428, 42.3091**, and **19.1530, 4.8546, 29.6838** is the 20% darker color. If you saturate the color by 10%, you get **51.9360, 7.4266, 44.7831**, and if you desaturate by 10%, it is **64.8160, 6.0067, 33.4874**.

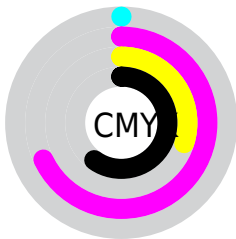
Distribution



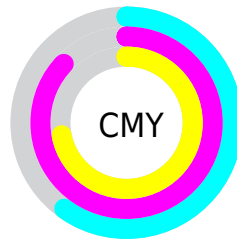
- Red (40%)
- Green (13%)
- Blue (28%)



- Red (40%)
- Yellow (13%)
- Blue (28%)



- Cyan (0%)
- Magenta (68%)
- Yellow (30%)
- Black (60%)




- Cyan (60%)
- Magenta (87%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YUV color 58.3760, 6.7166, 39.1352 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 58.3760, 6.7166, 39.1352 by changing the saturation by 10% instead.


 58.3760, 6.7166,
39.1352

 58.3760, 6.7166,
39.1352


255.0000, 0.0000,
0.0000

 31.6580, 9.0426,
39.7649

 108.7570, 5.5428,
42.3091

 19.1530, 4.8546,
29.6838

 135.0560, 5.3954,
42.9239

 8.4860, -3.6906,
17.1138

 162.0670, 5.3900,
44.6682

 0.0000, 0.0000,
0.0000

 189.6650, 5.0952,
45.8978

 212.5930, 7.5957,
37.1909

 232.1070, 11.2862,

20.0772

249.1300, 2.8939,
5.1480

58.3760, 6.7166,
39.1352

58.3760, 6.7166,
39.1352

51.9360, 7.4266,
44.7831

64.8160, 6.0067,
33.4874

45.0230, 8.8627,
50.8458

71.7290, 4.5706,
27.4247

38.5830, 9.5726,
56.4937

78.1690, 3.8607,
21.7768

37.2950, 9.7146,
57.6233

84.4950, 2.7140,
16.2289

91.5220, 1.7147,
10.0662

■ 97.8480, 0.5679,
4.5183

■ 104.2880, -0.1420,
-1.1296

■ 110.6140, -1.2887,
-6.6775

■ 117.6410, -2.2880,
-12.8402

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.1050, 17.6962, 17.4479



58.3760, 6.7166, 39.1352



56.0920, -5.9614, 45.5233

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.3760, 6.7166, 39.1352



54.0240, -26.6338, 2.6100



53.0770, 23.1330, -46.5485

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58.3760, 6.7166, 39.1352



77.6240, -6.7166, -39.1352

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.8140, 11.9237, -44.5639



58.3760, 6.7166, 39.1352



49.5460, -15.0592, -23.2808

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.3760, 6.7166, 39.1352



56.2160, -27.7145, 22.6126



47.0350, -0.0173, -41.2497



51.6240, 30.2584, -45.2742

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.3760, 6.7166, 39.1352



56.4800, -14.5336, 41.6750



47.0350, -0.0173, -41.2497



52.2790, 20.0755, -45.8487

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58.3760, 6.7166, 39.1352



117.7830, 2.5720, 15.0993



49.9500, 26.1536, 11.4448



58.2230, 1.8621, 9.4514



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.3760, 6.7166, 39.1352



64.2570, 10.7193, 62.0416



54.5000, -8.1345, 42.5345



47.8370, 0.5734, 2.7740



41.6810, 11.0033, 64.3008



87.7480, 23.2952, 135.2790

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58.3760, 6.7166, 39.1352



64.2570, 10.7193, 62.0416



81.5000, 8.1345, -42.5345



47.8370, 0.5734, 2.7740



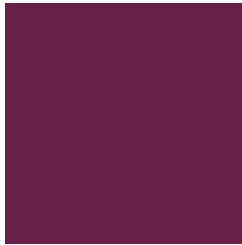
41.6810, 11.0033, 64.3008



87.7480, 23.2952, 135.2790

Previews

White Background



This preview shows how the YUV color 58.3760, 6.7166, 39.1352 looks on a white background.

Color Contrast Check

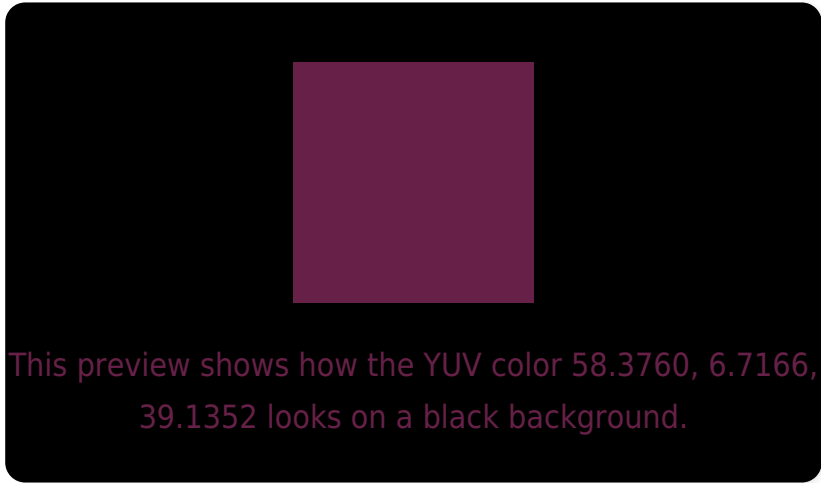
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

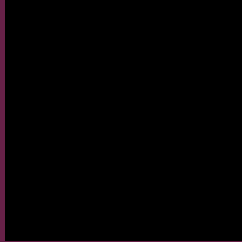
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 58.3760, 6.7166, 39.1352

Background



This preview shows how black text looks on a background with the YUV color 58.3760, 6.7166, 39.1352.



This preview shows how white text looks on a background with the YUV color 58.3760, 6.7166,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

58.3760, 6.7166, 39.1352

Protanopia

60.5440, 15.0148, -9.2471

Deuteranopia

61.2220, 3.3416, 1.5593



Tritanopia

58.5810, -7.6814, 37.2015

Trichromacy



Original Color

58.3760, 6.7166, 39.1352

Protanomaly

59.5570, 12.0504, 8.2815

Deuteranomaly

60.5380, 4.1718, 15.3142

Tritanomaly

58.3730, -2.1559, 38.2609

Monochromacy



Original Color

58.3760, 6.7166, 39.1352

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.0710, 2.4300, 13.9697

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.3760, 6.7166, 39.1352 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(103, 33, 72)` looks like.

```
.text, #text, p{  
    color:rgb(103, 33, 72)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(103, 33, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 33, 72) }
```

Border

The CSS property to change the border of an element to YUV 58.3760, 6.7166, 39.1352 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 33, 72) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(103, 33, 72) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(103, 33, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 33, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 33, 72);  
box-shadow:4px 4px 4px 4px rgb(103, 33,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 58.3760, 6.7166, 39.1352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 33, 72) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(103, 33,  
72) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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